

NEW AMPHIPOD TAXA IN AN 22

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All references are to papers found in the bibliography in AN 22.

A. Alphabetic list of new taxa**1 New families and subfamilies**

- Abyssogammarinae (Acanthogammaridae) Kamal'tynov, 1999
- Aristiidae (Lysianassoidea) Lowry & Stoddart, 1997
- Cyphocarididae (Lysianassoidea) Lowry & Stoddart, 1997
- Endevouridae (Lysianassoidea) Lowry & Stoddart, 1997
- Eulimnogammarinae (Acanthogammaridae) Kamal'tynov, 1999
- Hyalellopsinae (Acanthogammaridae) Kamal'tynov, 1999
- Lysianassidae s. str. (Lysianassoidea) Lowry & Stoddart, 1997
- Lysianassinae (Lysianassidae, Lysianassoidea) Lowry & Stoddart, 1997
- Micruropodidae Kamal'tynov, 1999
- Odontogammarinae (Acanthogammaridae) Kamal'tynov, 1999
- Pachyschesidae Kamal'tynov, 1999
- Parapallaseinae (Acanthogammaridae) Kamal'tynov, 1999
- Plesiogammarinae (Acanthogammaridae) Kamal'tynov, 1999
- Poekilogammarinae (Acanthogammaridae) Kamal'tynov, 1999
- Scopelochiridae (Lysianassoidea) Lowry & Stoddart, 1997
- Sinurothoidae Ren, 1999
- Tryphosinae (Lysianassidae, Lysianassoidea) Lowry & Stoddart, 1997

2. New genera and subgenera

<i>Antarctodius</i> Berge, Coleman & Vader, 1999	(Ochlesidae)
<i>Cyamus (Apocyamus)</i> Margolis, McDonald & Bousfield, 2000	(Cyamidae)
<i>Arganogidiella</i> Koenemann & Holsinger, 1999	(Bogidiellidae)
<i>Argentinogidiella</i> Koenemann & Holsinger, 1999	(Bogidiellidae)
<i>Baliphoxus</i> Ortiz & Lalana, 1999	(Phoxocephalidae)
<i>Bermudagidiella</i> Koenemann & Holsinger, 1999	(Bogidiellidae)
<i>Boca</i> (Aristiidae, Lysianassoidea) Lowry & Stoddart, 1997	(Bogidiellidae)
<i>Cariborchestia</i> Smith, 1998	(Talitridae)
<i>Chydaekata</i> Bradbury, 2000	(Paramelitidae)
<i>Cylindromolaris</i> Ortiz & Lalana, 1999	(Isaeidae)
<i>Eclecticus</i> Lowry & Stoddart, 1997	(Lysianassinae, Lysianassoidea)
<i>Fuxiana</i> Sket, 2000	(? Anisogammaridae)
<i>Grossogidiella</i> Koenemann & Holsinger, 1999	(Bogidiellidae)
<i>Haliogeneia</i> Lowry & Stoddart, 1998	(Eusiridae)

<i>Indogidiella</i> Koenemann & Holsinger, 1999	(Bogidiellidae)
<i>Poekilogammarus (Inobsequentus)</i> Takhteev, 2000	(Acanthogammaridae)
<i>Cyamus (Mesocyamus)</i> Margolis, McDonald & Bousfield, 2000	(Cyamidae)
<i>Molina</i> Bradbury, 2000	(Paramelitidae)
<i>Myzotarsa</i> Cadien & Martin, 1999	(Pleustidae)
<i>Nurina</i> Bradbury & Eberhard, 2000	(melitids)
<i>Orcinocyamus</i> Margolis, McDonald & Bousfield, 2000	(Cyamidae)
<i>Orstomia</i> Myers, 1998	(Aoridae)
<i>Ottenwalderia</i> Jaume & Wagner, 1998	(Tryphosinae, Lysianassoidea)
<i>Paravijaya</i> Ren, 1998	(Lysianassoidea)
<i>Paraphotis</i> Ren, 1997	(Isaeidae)
<i>Ptychotelson</i> Krapp-Schickel, 2000	(Stenothoidae)
<i>Pycnopyge</i> Krapp-Schickel, 2000	(Stenothoidae)
<i>Quadrimaera</i> Krapp-Schickel & Ruffo, 2000	(melitids)
<i>Raukumara</i> Krapp-Schickel, 2000	(Stenothoidae)
<i>Scytaelina</i> Stock et al., 1998	(Gammaridae)
<i>Sinorchestia</i> Miyamoto & Morino, 1999	(Talitridae)
<i>Sinurothoe</i> Ren, 1999	(Sinurothoidae)
<i>Synkope</i> Krapp-Schickel, 1999	(Stenothoidae)
<i>Wimvadocus</i> Krapp-Schickel & Jarrett, 2000	(melitids)
<i>Yarra</i> Krapp-Schickel, 2000	(Stenothoidae)

3. new species and subspecies

<i>acuminata</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>acuminatus</i> (Obesogammarus) Stock et al., 1998	(gammarids)
<i>americana</i> (Aroui) Lowry & Stoddart, 1997	(Scopelocheiridae, Lys.)
<i>anaxiphilia</i> (Myzotarsa) Cadien & Martin, 1999	(Pleustidae)
<i>andresi</i> (Baliphoxus) Ortiz & Lalana, 1999	(Phoxocephalidae)
<i>angustipalma</i> (Phippsia) Berge & Vader, 2000	(Stegocephalidae)
<i>anodon</i> (Gammarus) Stock et al., 1998	(gammarids)
<i>anophelma</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>antarctica</i> (Astyra) Andres, 1997	(Astyridae)
<i>apalachicola</i> (Tryphosella) Lowry & Stoddart, 1997	(Tryphosinae, Lys.)
<i>apiculata</i> (Paravijaya) Ren, 1998	(Lysianassoidea)
<i>araucana</i> (nom.nov.) (Hyalella) Grosso & Peralta, 1999	(Hyalellidae)
<i>ariadne</i> (Maera) Krapp, Marti & Ruffo, 1996	(melitids)
<i>ariel</i> (Maera) Ruffo, Krapp & Gable, 2000	(melitids)
<i>aurora</i> (Maera) Krapp, Marti & Ruffo, 1996	(melitids)
<i>bali</i> (Birubius) Ortiz & Lalana, 1999	(Phoxocephalidae)
<i>basilatissima</i> (Protomedaea) Ortiz & Lalana, 1999	(Isaeidae)
<i>basilobata</i> (Leucothoe) Serejo, 1998	(Leucothoidae)
<i>bathyalis</i> (Epimeria) Wakabara & Serejo, 1999	(Epimeriidae)
<i>bathyptatos</i> (Caprella) Martin & Pettitt, 1998	(Caprellidea)
<i>bekmannae</i> (Odontogammarus) Takhteev, 1999	(Acanthogammaridae)
<i>bidentata</i> (Maera) Ren, 1998	(melitids)
<i>bidentatus</i> (Byblis) Ren, 1998	(Ampeliscidae)

<i>bluefieldensis</i> (Psammogammarus) Ortiz, Lalana & Beltran, 1993	(melitids)
<i>bonaerensis</i> ((Metatiron) Alonso de Pina, 1998	(Synopiidae)
<i>bousfieldi</i> (Maera) Krapp-Schickel & Jarrett, 2000	(melitids)
<i>brachybasis</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>brachycephala</i> (Waldeckia) Ren, 1998	(Lysianassoidea)
<i>breviclavus</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>caeculus</i> ssp (Odontogammarus calcaratus) Takhteev, 1999	(Acanthogammaridae)
<i>campi</i> (Boca) Lowry & Stoddart, 1997	(Aristiidae, Lys.)
<i>captiva</i> (Aristias) Lowry & Stoddart, 1997	(Aristiidae, Lys.)
<i>carla</i> (Quadrimaera) Krapp-Schickel & Jarrett, 2000	(melitids)
<i>carpolobata</i> (Incratella) Ortiz & Lalana, 1999	(cheirocratids)
<i>carscutica</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>catalaunica</i> (Autonoe) Ruffo, Cartes & Sorbe, 1999	(Aoridae)
<i>cava</i> (Derzhavinella) Stock et al., 1998	(gammarids)
<i>cavedinia</i> (Caprella) Krapp-Schickel & Vader, 1998	(Caprellidea)
<i>cavicoxa</i> (rev.) (Ampelisca) Kaim-Malka, 2000	(Ampeliscidae)
<i>ceres</i> (Maera) Ruffo, Krapp & Gable, 2000	(melitids)
<i>charlottae</i> (Amathilopsis) Coleman, 1998	(Amathilopsidae)
<i>cheiriserra</i> (Leucothoe) Serejo, 1998	(Leucothoidae)
<i>clavicornis</i> (Globosolembos) Myers, 1998	(Aoridae)
<i>columbus</i> (Eophoxocephalopsis) Alonso de Pina, 2000	(Phoxocephalopsidae)
<i>comisariensis</i> (Nasageneia) Ortiz & Lemaitre, 1997	(Eusiridae)
<i>compressa</i> (Exampithoe (Melanesius)) Just, 2000	(Ampithoidae)
<i>crinicaudatus</i> (Gammarus) Stock et al., 1998	(gammarids)
<i>cristianae</i> (Quadrimaera) Krapp-Schickel & Ruffo, 2000	(melitids)
<i>crozieri</i> (Haliogeneia) Lowry & Stoddart, 1998	(Eusiridae)
<i>crouyensis</i> (Protolembo) Myers, 1998	(Aoridae)
<i>dampieri</i> (Phippsia) Berge & Vader, 2000	(Stegocephalidae)
<i>denticulatum</i> (Corophium) Ren, 1995	(Corophiidae)
<i>diagonalis</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>dobatii</i> ssp(Niphargus aquilex) Sket, 1999	(Niphargidae)
<i>dolichodactylus</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>eclecticus</i> (Eclecticus) Lowry & Stoddart, 1997	(Lysianassinae, Lys.)
<i>elvae</i> (Boca) Lowry & Stoddart, 1997	(Aristiidae, Lys.)
<i>eschrichtii</i> (Cyamus) Margolis, McDonald & Bousfield, 2000	(Cyamidae)
<i>ezul</i> (Megagidiella) Koenemann & Holsinger, 1999	(Bogidiellidae)
<i>floridiana</i> (Rimakoroga) Lowry & Stoddart, 1997	(Tryphosinae, Lys.)
<i>forgesii</i> (Globosolembos) Myers, 1998	(Aoridae)
<i>galini</i> (Poekilogammarus) Takhteev, 2000	(Acanthogammaridae)
<i>gurjanovae</i> (Orchomene) Budnikova, 1999	(Lysianassoidea)
<i>gyraspis</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>halei</i> (Exampithoe (Melaneius)) Just, 2000	(Ampithoidae)
<i>heldi</i> (Epimeria) Coleman, 1998	(Epimeriidae)
<i>hirsuta</i> (Chevalia) Lazo-Wasem, 1999	(Isaeidae)
<i>hirsutimanus</i> (Ampithoe) Ortiz & Lemaitre, 1997	(Ampithoidae)
<i>homosassa</i> (Dissiminassa) Lowry & Stoddart, 1997	(Lysianassinae, Lys.)
<i>intermedius</i> (Locustogammarus) Labay, 1996	(Anisogammaridae)

<i>jaraguensis</i> (Bahadzia) Jaume & Wagner, 1998	(hadziids)
<i>jerrica</i> (Maera) Krapp-Schickel & Jarrett, 2000	(melitids)
(Caribboecetes) Ortiz & Lemaitre, 1997	(siphonoecetids)
<i>kanakensis</i> (Grandidierella) Myers, 1998	(Aoridae)
<i>kanakia</i> (Orstomia) Myers, 1998	(Aoridae)
<i>kleidus</i> (Podocerus) Thomas & Barnard, 1992	(Podoceridae)
<i>knidirii</i> (Metacrangonyx) Oulbaz et al., 1998	(hadziids)
<i>kuiteri</i> (Sancho) Lowry & Barnard, 2001	(Eusiridae)
<i>kuroshio</i> (Caprella) Mori, 1999	(Caprellidea)
<i>kymbalion</i> (Ottenwalderia) Jaume & Wagner, 1998	(Tryphosinae, Lys.)
<i>lacinimanus</i> (Dexaminoculus) Ortiz & Lalana, 1999	(Dexaminiidae)
<i>laurina</i> (Synkope) Krapp-Schickel, 1999	(Stenothoidae)
<i>leptosa</i> (Leucothoe) Serejo, 1998	(Leucothoidae)
<i>lessiniensis</i> (Niphargus) Stoch, 1998	(Niphargidae)
<i>litoralis</i> (Rostrogitanopsis) Ortiz & Lalana, 1999	(Amphilochidae)
<i>lobifer</i> (Gammarus) Stock et al., 1998	(gammarids)
<i>longiflagelis</i> (Byblis) Ren, 1998	(Ampeliscidae)
<i>longiflagellum</i> (Pseudoniphargus) Fakhar-el-Abiari et al., 1999	(melitids)
<i>longirostris</i> (Bathymedon) Jaume, Cartes & Sorbe, 1998	(Oedicerotidae)
<i>lukini</i> (Orchomenella) Budnikova, 1999	(Lysianassoidea)
<i>magellanica</i> (Stenothoe) Rauschert, 1998	(Stenothoidae)
<i>megachela</i> (Boca) Lowry & Stoddart, 1997	(Aristiidae, Lys.)
<i>mesorubraedon</i> (Cyamus) Margolis, McDonald & Bousfield, 2000	(Cyamidae)
<i>miranda</i> (Maera) Ruffo, Krapp & Gable, 2000	(melitids)
<i>montellianus</i> (Niphargus) Stoch, 1998	(Niphargidae)
<i>muerta</i> (Hyalella (H.)) Baldinger, Shepard & Threloff, 2000	(Hyalellidae)
<i>nanshaensis</i> (Ampelisca) Ren, 1991	(Ampeliscidae)
<i>nanshaensis</i> (Byblis) Ren, 1998	(Ampeliscidae)
<i>nanshaensis</i> (Elasmopus) Ren, 1998	(melitids)
<i>nelsonae</i> (Maera) Krapp-Schickel & Jarrett, 2000	(melitids)
<i>nudulum</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>ollii</i> (Andaniexis) Berge, De Broyer & Vader, 2000	(Stegocephalidae)
<i>onagawae</i> (Scopelocheirus) Takekawa & Ishimaru, 2000	(Scopelocheiridae, Lys.)
<i>ovatosecosa</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>ozona</i> (Lysianopsis) Lowry & Stoddart, 1997	(Lysianassinae, Lys.)
<i>pallaschi</i> (Laoothoes) Coleman, 1999	(Eusiridae)
<i>paricrenatus</i> (Gammarus) Stock et al., 1998	(gammarids)
<i>parthicus</i> (Gammarus) Stock et al., 1998	(gammarids)
<i>pectenata</i> (rev.)(Ampelisca) Kaim-Malka, 2000	(Ampeliscidae)
<i>pensacola</i> (Hippomedon) Lowry & Stoddart, 1997	(Tryphosinae, Lys.)
<i>perdido</i> (Orchomenella) Lowry & Stoddart, 1997	(Tryphosinae, Lys.)
<i>perpolitus</i> ssp(Poekilogammarus megonychos) Takhteev, 2000	(Acanthogammaridae)
<i>pieteri</i> (Quadrimaera) Krapp-Schickel & Ruffo, 2000	(melitids)
<i>platycephala</i> (Paralycaea) Zeidler, 1998	(Hyperiidea)
<i>pleobranchon</i> (Molina) Bradbury, 2000	(Paramelitidae)
<i>poulteri</i> (Nurina) Bradbury & Eberhard, 2000	(melitids)
<i>proiectus</i> (Gammarus) Stock et al., 1998	(gammarids)

<i>quattro</i> (Tetradion) Berge & Vader, 2000	(Stegocephalidae)
<i>revelata</i> (Maera) Krapp, Marti & Ruffo, 1996	(melitids)
<i>rionegrina</i> (Hyalella) Grosso & Peralta, 1999	(Hyalellidae)
<i>robusta</i> (Seba) Ortiz & Lemaitre, 1997	(Sebidae)
<i>rotunda</i> (Epimeria) Wakabara & Serejo, 1999	(Epimeriidae)
<i>sandro</i> (Hyalella (H.)) Baldinger, Shepard & Threloff, 2000	(Hyalellidae)
<i>santanensis</i> (Spelaeogammarus) Koenemann & Holsinger, 2000	(Bogidiellidae)
<i>sarae</i> (Quadrimaera) Krapp-Schickel & Ruffo, 2000	(melitids)
<i>schotti</i> (Batea) Ortiz & Lemaitre, 1997	(Bateidae)
<i>scolosternum</i> (Lembos) Ortiz & Lemaitre, 1997	(Aoridae)
<i>scopula</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>scuticari</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>serraculum</i> (Lepidepecreum) Dalkey, 1998	(Lysianassoidea)
<i>simplex</i> (Scytaelina) Stock et al., 1998	(gammarids)
<i>simulata</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>sinensis</i> (Paraphotis) Ren, 1997	(Isaeidae)
<i>sinensis</i> (Sinurothoe) Ren, 1999	(Sinurothoidae)
<i>spinilacertus</i> (Spelaeogammarus) Koenemann & Holsinger, 2000	(Bogidiellidae)
<i>stella</i> (Caprella) Krapp-Schickel & Vader, 1998	(Caprellidea)
<i>taiwanensis</i> (Sinorchestia) Miyamoto & Morino, 1999	(Talitridae)
<i>templadoi</i> (Gitanopsis) Ortiz & Lalana, 1995	(Amphilochidae)
<i>tetraspis</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>thomasi</i> (Cerapus) Ortiz & Lemaitre, 1997	(siphonoecetids)
<i>thomasi</i> (Orchomenella) Lowry & Stoddart, 1997	(Tryphosinae, Lys.)
<i>trajanoae</i> (Spelaeogammarus) Koenemann & Holsinger, 2000	(Bogidiellidae)
<i>transversi</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>tridentinus</i> (Niphargus) Stoch, 1998	(Niphargidae)
<i>tunicola</i> (Cyphocaris) Lowry & Stoddart, 1997	(Cyphocarididae, Lys.)
<i>turcica</i> (Bogidiella) Vonk, Seveso & Noteboom, 1999	(Bogidiellidae)
<i>ultraspinosa</i> (Epimeria) Wakabara & Serejo, 1999	(Epimeriidae)
<i>unguiserra</i> (Yarra) Krapp-Schickel, 2000	(Stenothoidae)
<i>unidentata</i> (Mallacoota) Ren, 1998	(melitids)
<i>unihamata</i> (Phippsia) Berge & Vader, 2000	(Stegocephalidae)
<i>unispinulata</i> (Chydaekata) Bradbury, 2000	(Paramelitidae)
<i>urospinosa</i> (Leucothoe) Serejo, 1998	(Leucothoidae)
<i>utmas</i> (Moolapheonoides) Thomas, 1999	(Cyproideidae)
<i>vaderi</i> (Epimeria) Coleman, 1998	(Epimeriidae)
<i>virdurorum</i> (Raumahara) Krapp-Schickel & Andres, 1998	(Stenothoidae)
<i>wakabarae</i> (Hyale) Serejo, 1999	(Hyalidae)
<i>waroonae</i> (Raumahara) Krapp-Schickel, 2000	(Stenothoidae)
<i>watlingi</i> (Phippsiella) Berge, DeBroyer & Vader, 2000	(Stegocephalidae)
<i>wulgi</i> (Laphystiopsis) Barnard, 1999	(Laphystiopsidae)
<i>xerophila</i> (Cariborchestia) Smith, 1998	(Talitridae)
<i>yangi</i> (Fuxiana) Sket, 2000	(?Anisogammaridae)
<i>zelleri</i> (Postodius) Berge, Coleman & Vader, 1999	(Ochlesidae)
<i>zomerysis</i> (Laphystiopsis) Barnard, 1999	(Laphystiopsidae)

B. Systematic index to new amphipod genera and species in AN 22

This list covers all taxa indexed in AN 22, and follows similar indexes for AN 11-19 (AN 19, 99 37-51), AN 20 and AN 21.

The rationale for my use of family names, about there is often little agreement as yet, among amphipod taxonomists, has been spelled out in AN 21. Briefly, the Lysianassoidea, Eusiridae, Caprellidea (minus the Cyamidae), and Hyperiidea are still kept as one block, while the Corophiidea are split into smaller families along the lines suggested by i.a. Myers. For the treatment of the Gammaroidea s.l., see AN 21. All these decisions have been taken for practical reasons, and to keep consistency between the different issues of this Index.

Technical details: New taxa are written in capitals, (rev.) stands for older genera or species that are revived from synonymy, (subgen.) and (ssp) stand for taxa that are described with the rank of subgenus and subspecies, respectively; new species are mentioned in the genus in which they were originally described, even when transferred to a different genus in another paper in AN22.

A question mark before a genus name signifies that the family is somewhat uncertain, a question mark before a species name, that the genus is uncertain.

Acanthogammaridae

Poekilogammarus (INOBSEQUENTUS) GALINI

Poekilogammarus (Odontogammarus) BEKMANAE, calcaratus CAECULUS (ssp)

Amathilopsidae

Amathilopsis CHARLOTTAE

Ampeliscidae

Ampelisca CAVICOXA (rev.), NANSHAENSIS, PECTENATA (rev.)

Byblis BIDENTATUS, LONGIFLAGELIS, NANSHAENSIS, UNISPINULATUS

Amphilochidae

Gitanopsis TEMPLADOI

Rostrogitanopsis LITORALIS

Ampithoidae

Ampithoe HIRSUTIMANUS

Exampithoe (Melanesius) COMPRESSA, HALEI

Anisogammaridae

?FUXIANA YANGI

Locustogammarus INTERMEDIUS

Aoridae

Autonoe CATALAUNICA

Globosolembos CLAVICORNIS, FORGESI

Grandidierella KANAKENSIS

Lembos SCOLOSTERNUM
ORSTOMIA KANAKIA
Protolembos CROUYENSIS

Astyridae

Astyra ANTARCTICA

Bateidae

Batea SCHOTTI

Bogidiellidae

ARGANOGIDIELLA
ARGENTINOGIDIELLA
BERMUDAGIDIELLA
Bogidiella TURCICA
GROSSOGIDIELLA
INDOGIDIELLA
Megagidiella EZUL
Spelaeogammarus SANTANENSIS, SPINILACERTUS, TRAJANOAE

Caprellidea

Caprella BATHYTATOS, CAVEDINIAE, KUROSHIO, STELLA

'cheirocratids'

Incratella CARPOLOBATA

Corophiidae

Corophium DENTICULATUM

Cyamidae

Cyamus (APOCYAMUS) (subgen.) ESCHRICHTII
Cyamus (MESOCYAMUS) (subgen.) MESORUBRAEDON
ORCINOCYAMUS

Cyprodeididae

Moolapheonoides UTMAS

Dexaminiidae

Dexaminoculus LACINIMANUS

Epimeriidae

Epimeria BATHYALIS, HELDI, ROTUNDA, ULTRASPINOSA, VADERI

Eusiridae

HALIOGENEIA CROSNIERI
Laothoes PALLASCHI
Nasageneia COMISARIENSIS
Sancho KUITERI

'gammarids'

Derzhavinella CAVA
Gammarus ANODON, CRINICAUDATUS, LOBIFER, PARICRENATUS,
PARTHICUS, PROJECTUS,
Obesogammarus ACUMINATUS
SCYTAELINA SIMPLEX

'hadziids'

Bahadzia JARAGUENSIS
Metacrangonyx KNIDIRII

Hyalidae

Hyale WAKABARAE

Hyalellidae

Hyalella ARAUCANA, MUERTA, RIONEGRINA, SANDRO

Hyperiidea

Paralycaea PLATYCEPHALA

Isaeidae

Chevalia HIRSUTA
CYLINDROMOLARIS
PARAPHOTIS SINENSIS
Protomederia BASILATISSIMA

Laphystiopsidae

Laphystiopsis WULGI, ZOMERYSIS

Leucothoidae

Leucothoe BASILOBATA, CHEIRISERRA, LEPTOSA, UROSPINOSA

Lysianassoidea

Aristias (Aristiidae) CAPTIVA
Aroui (Scopelocheridiae) AMERICANA
BOCA (Aristiidae) CAMPI, ELVAE, MEGACHELA
Cyphocaris (Cyphocarididae) TUNICOLA
Dissiminassa (Lysianassidae Lysianassinae) HOMOSASSA
ECLECTICUS (Lysianassidae Lysianassinae) ECLECTICUS
Hippomedon PENSACOLA
Lepidepecreum SERRACULUM
Lysianopsis OZONA
Orchomene GURJANOVAE
Orchomenella LUKINI, PERDIDO, THOMASI
OTTENWALDERIA (Lysianassidae Tryphosinae) KYMBALION
PARAVIJAYA APICULATA
Rimakoroga FLORIDIANA
Tryphosella APALICHICOLA
Waldeckia BRACHYCEPHALA

'Melitids'

Elasmopus NANSHAENSIS
Maera ARIADNE, ARIEL, AURORA, BIDENTATA, BOUSFIELDI, CERES,
JERRICA, MIRANDA, NELSONAE, REVELATA
Mallacoota UNIDENTATA
NURINA POULTERI
Psammogammarus BLUEFIELDENSIS
Pseudoniphargus LONGIFLAGELLUM
QUADRIMAERA CARLA, CRISTIANAE, PIETERI, SARAE
WIMVADOCUS

Niphargidae

Niphargus aquilex DOBATII (ssp), LESSINIENSIS, MONTELLIANUS,
TRIDENTINUS

Ochlesidae

ANTARCTODIUS
Postodius ZELLERI

Oedicerotidae

Bathymedon LONGIROSTRIS

Paramelitidae

CHYDAEKATA ACUMINATA, ANOPHELMA, BRACHYBASIS,
BREVICLAVUS, CARSCUTICA, DIAGONALIS, DOLICHODACTYLUS,
GYRASPIS, NUDULUM, OVATOSETOSA, SCOPULA, SCUTICARI
SIMULATA, TETRASPIS, TRANSVERSI, UNISPINULATA
MOLINA PLEOBRANCHON

Phoxocephalidae

BALIPHOXUS ANDRESI
Birubius BALI

Phoxocephalopsidae

Eophoxocephalopsis COLUMBUS

Pleustidae

MYZOTARSA ANAXIPHILIA

Podoceridae

Podocerus KLEIDUS

Sebidae

Seba ROBUSTA

Sinurothoidae

SINUROTHOE SINENSIS

Siphonoecetinae

Caribboecetes JUSTI
Cerapus THOMASI

Stegocephalidae

Andaniexis OLLII
Phippia ANGUSTIPALMA, DAMPIERI, UNIHAMATA
Phippsiella WATLINGI
Tetradeion QUATRO

Stenothoidae

PTYCHOTELSON
PYCNOPYGE
RAUKUMARA
Raumahara VIRDURORUM, WAROONAE
Stenothoe MAGELLANICA
SYNKOPE LAURINA
YARRA UNGUISERRA

Synopiidae

Metatiron BONAERENSIS

Talitridae

CARIBORCHESTIA XEROPHILA
SINORCHESTIA TAIWANENSIS

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ALONSO, J., A.ARILLO, E.BARRON, J.C.CORRAL, J.GRIMALT, J.F.LOPEZ, R.LOPEZ, X.MARTINEZ-DECLOS, V.ORTUNO, E.PENALVES & P.R.TRINCAO 2000. A new fossil resin with biological inclusions in Lower Cretaceous deposits from Alava (northern Spain, Basque-Cantabrian Basin. ---- Journal of Palaeontology 74, 158-178. (Amphipods seem to be present among the inclusions.)

ANDERSON, B.S., J.W.HUNT, B.M.PHILLIPS, M. STOELTING, J. BECKER, R. FAIREY, H.M.PUCKETT, M. STEPHENSEN, R.S.TJEERDEMA & M. MARTIN 2000. Ecotoxicological change at a remediated superfundsite in San Francisco, California, USA. --- Environmental Toxicology & Chemistry 19, 879-887. (i.a. *Eohaustorius estuaricus*).

ANISIMOVA, N.A. 2000. (Crustaceans of the bays and gulfs of the southern parts of the Pechora and Kara Seas.) ---- Pp 115-146 in G.G.Matishov (ed.) (Current benthos of the Barents and Kara seas.) Izd-vo KNTz RAN, Apatity. (In Russian, not seen)

BARKHATOV, V.A., M.E.VINOGRADOV & G.M. VINOGRADOV 1999. (Borders between the amphipod-hyperiid areals in the epipelagic waters of the South Subtropical frontal Zone of the Pacific Ocean.) ---- Okeanologiya 39, 887-894. (In Russian)

BAUR, X., H. HUBER & Z. CHEN 2000. Asthma to *Gammarus* shrimp. ---- Allergy, Copenhagen 55, 96-97. (Not seen. A most intriguing title!)

BERGE, J., C DE BROUER & W. VADER 2000. Revision of the Antarctic and sub-antarctic species of the family Stegocephalidae (Crustacea; Amphipoda) with description of two new species. ---- Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie 70, 217-233. (Nineteen spp, of which *Andaniexis ollii* n.sp. (61°19'S, 57°02'W, 1444m) and *Phippsiella watlingi* n.sp. (74°28'S, 29°42'W, 1153m) are new species. A few remarks on *Euandania nonhiata* and *Phippsiella kergueleni*, and a key to all antarctic stegocephalids, are also provided. Table I (pp 218-219) tabulates the world distribution of all stegocephalids.)

BERRY, W.J., M.G.CANTWELL, P.A.EDWARDS, J.R.SERBST & D.J.HANSEN 1999. Predicting toxicity of sediments spiked with silver. ---- Environmental Toxicity & Chemistry 18, 40-48. (i.a. *Ampelisca abdita*).

BIRD, F.L.& G.P.JENKINS 1999. Abundance, biomass and estimated production of invertebrate fauna associated with seagrass, *Heterozostera tasmanica*, in Swan Bay and an adjacent area of Port Phillip Bay, Victoria. ---- Proceedings of the Royal Society of Victoria 111, 1-13.

BROWN, R.J., M. CONRADI & M.H.DEPLEDGE 1999. Long-term exposure to 4.nonylphenol affects sexual differentiation and growth of the amphipod *Corophium volutator* (Pallas, 1766). ---- Science of the Total Environment 233, 77-88.

BURGESS, R.M., M.G.CANTWELL, M.C. PELLETIER, K.T.HO, J.R.SERBST , H. COOK & A. KUHN 2000. Development of a toxicity identification evaluation procedure for

characterizing metal toxicity in marine sediments. ---- Environmental Toxicology & Chemistry 19, 982-991 (*Ampelisca abdita*)

CANTON, S.P. & J.W.CHADWICK 2000. Distribution of the subterranean amphipod *Stygobromus* in central Colorado streams, with notes on the interstitial community. ---- Western North American Naturalist 60, 130-138.

COLE, F.A., B.L.BOESE, R.C.SWARTZ, J.D.LAMBERSON & Th.H.DeWITT 2000. Effects of storage on the toxicity of sediments spiked with fluoranthene to the amphipod, *Rhepoxynius abronius*. ---- Environmental Toxicology & Chemistry 19, 744-748.

CONRADI, M. & M.H.DEPLEDGE 1999. Effects of zinc on the life-cycle, growth and reproduction of the marine amphipod *Corophium volutator*. ---- Marine Ecology Progress Series 176, 131-138.

CRANE, M., C. ATTWOOD, D. SHEAHAN & G. MORRIS 1999. Toxicity and bioavailability of the organophosphorus insecticide piriphosmethyl to the freshwater amphipod *Gammarus pulex* L. in laboratory and mesocosm systems. ---- Environmental Toxicology & Chemistry 18, 1456-1461.

CRUZ-RIVERA, E. 1999. Effects of diets on temperate mesograzers: consequences of prey traits for consumer feeding and fitness. ---- Dissertation Abstracts B59, 6165.

CUNHA, M.R., M.H. MOREIRA & J.C.SORBE 2000. The amphipod *Corophium multisetosum* (Corophiidae) in Rio de Aveira (NW Portugal). I. Life history and aspects of reproductive biology. ---- Marine Biology, Berlin 137, 637-650.

CUNHA, M.R., M.H. MOREIRA & J.C. SORBE 2000. The amphipod *Corophium multisetosum* (Corophiidae) in Rio de Aveiro (NW Portugal). II. Abundance, biomass and production. ---- Marine Biology, Berlin 137, 651-663.

DAUVIN, J.C. 2000. Faune et flore du littoral du Pas-de-Calais et de la Manche Orientale. Mise à jour de la liste des espèces d'Amphipodes (Crustacés Péracarides). ---- Revue et Travaux du Station Marin de Wimereux (2000), 1-6.

DE GRAVE, S. 1999. The influence of sedimentary heterogeneity on within maerl bed differences in infaunal crustacean community. ---- Estuarine, Coastal & Shelf Science 49, 153-163.

DE GRAVE, S., S-J. MOORE & G. BURNELL 1998. Changes in benthic macrofauna associated with intertidal oyster, *Crassostrea gigas* (Thunberg) culture. ---- Journal of Shellfish Research 17, 1137-1142.

DE GRAVE, S. & A.A.MYERS 1997. The occurrence of *Pontocrates arcticus* in Ireland and confirmation of *Gammarus chevreuxi* as an Irish species (Crustacea: Amphipoda). ---- Irish Naturalist Journal 25, 383.

DE GRAVE, S. & A.A.MYERS 1999. Records of macrobenthic Crustacea from maerl habitats in Irish waters. ---- Bulletin of the Irish Biogeographic Society 23, 101-123. (Amph. pp 109-120)

DE GRAVE, S. & A. WHITAKER 1998. The occurrence of a subtidal *Sabellaria alveolata* (L.) reef off Wicklow Head, Irish Sea. ---- Irish Naturalist Journal 25 (1997), 416-418.

DE GRAVE, S. & A. WHITAKER 1999. Benthic community re-adjustment following dredging a muddy-maerl matrix. ---- Marine Pollution Bulletin 38, 102-108.

DE GRAVE, S. & H.K.A.WILKINS 1994. Rediscovery of *Phoxocephalus holboelli* (Kröyer) in Ireland (Crustacea, Amphipoda). ---- Irish Naturalist Journal 24, 377-378.

DE GRAVE, S. & H.K.A.WILKINS 1994. *Corophium multisetosum* (Crustacea), an amphipod new to Ireland. ---- Irish Naturalist Journal 24, 366-367.

DE MATTHAEIS, E., D. DAVOLAS & M. COBOLLI 1998. Genetic divergence between populations and species of talitrids from Aegean islands. ---- Journal of Heredity 89, 37-43.

DE MATTAEIS, E., D. DAVOLAS, M. COBOLLI & V. KETMAIER 2000. Isolation by distance in equilibrium and nonequilibrium populations of four talitrid species in the Mediterranean Sea. ---- Evolution 54, 1606-1613. (*Orchestia montagui*, *O. stephensi*, *Platorchestia platensis* and *Talitrus saltator*.)

DEPLEDGE, M.H. & Z. BILLINGHURST 1999. Ecological significance of endocrine disruption in marine invertebrates. ---- Marine Pollution Bulletin 39, 32-38. (Work on *Corophium volutator*.)

DeWITT, T.H., C.W.HICKEY, D.J.MORRISSEY, M.G.NIPPER, D.S.ROPER, R.B.WILLIAMSON, L.VAN DAM & E.K.WILLIAMS 1999. Do amphipods have to have the same concentration-response to contaminated sediment in situ as in vitro? ---- Environmental Toxicology & Chemistry 18, 1026-1037. (Basically, the answer is yes)

DUMONT, H.J. 2000. Endemism in the Ponto-Caspian fauna, with special emphasis on the Onychophora (Crustacea). ---- Advances in Ecological Research 31, 181-196.

EISENHAUER, J.B., K. BROWN-SULLIVAN & M.-J. LYDY 1999. Response of genotypes of *Hyalella azteca* to zinc toxicity 63, 125-132. ---- Bulletin of Environmental Contamination and Toxicology 63, 125-132.

EJDUNG, G., L. BYRÉN & R. ELMGREN 2000. Benthic predator-prey interactions: evidence that adult *Monoporeia affinis* (Amphipoda) eat postlarval *Macoma balthica* (Bivalvia). ---- Journal of Experimental Marine Biology & Ecology 253, 243-251.

EMERY, V.I. 1999. Development and application of a 28-d chronic sublethal sediment bioassay using the estuarine amphipod *Leptocheirus plumulosus*. ---- Dissertation Abstracts B59, 5293.

FAKHAR el ABIARI, A., Z. OULBAZ, M. MESSOULI & N. COINEAU 1999. A new species of *Pseudoniphargus* (Crustacea Amphipoda) from subterranean water of north-eastern Morocco: Historical biogeography and evolutionary aspects. ---- Contributions to Zoology 68, ?-? (Deals with *Pseudoniphargus longiflagellum* n.sp., close to *P. ruffoi*)

FAY, A.A., B.J.BROWN WELL, A.A.ELSKUS & A.E.MC ELROY 2000. Critical body residues in the marine amphipod *Ampelisca abdita*: sediment exposures with nonionic organic contaminants. ---- Environmental Toxicology & Chemistry 19, 1028-1035.

FIELMAN, K.T., S.A.WOODIN, M.D.WALLA & D.E.LINCOLN 1999. Widespread occurrence of natural halogenated organics among temperate marine infauna. ---- Marine Ecology Progress Series 181, 1-12. (Not found in any amphipods examined)

FLYNN, M.N., M.T.VALERIO-BERNARDO, Y. WAKABARA & V.K.MIYAGI 1999. preliminary study of the spatial distribution of the benthic macrofauna of São Sebastian Channel, southeastern Brazil. ---- Oceanides 14, 97-111.

FRANK, T.M. & E.A. WIDDER 1999. Comparative study of the spectral sensitivities of mesopelagic crustaceans. ---- Journal of Comparative Physiology A185, 255-265.

GIORGI, A. & B. TIRABASCHI 1999. (Experimental assessment of the effect of two macroinvertebrate groups (amphipods and gastropods) on epiphytic algae.) ---- Ecologia Austral 9, 35-44. (In Spanish, not seen. Freshwater.)

GRACA, M.A., S.Y.NEWELL & R.T.KNEIB 2000. Grazing rates of organic matter and living fungal biomass of *Spartina alterniflora* by three species of salt-marsh invertebrates. ---- Marine Biology, Berlin 136, 280-289. (i.a. *Uhlorchestia spartinophila*)

GRIFFITHS, C.L. 1999. The terrestrial amphipods (Crustacea: Amphipoda) of South Africa. ---- Annals of the South African Museum 105, 345-362. (Deals with *Talitroides alluaudi*, *T. topitotum*, *Talitriator africana*, *T. calva* (described as ssp of *eastwoodae*), *T. cylindripes* (described as ssp of *eastwoodae*; *T. insularis* is a junior synonym), *T. eastwoodae*, and *T. setosa* (also first described as ssp of *eastwoodae*; *T. macronyx* is a junior synonym.) A key is provided.)

GROSSO, L.E. & M. PERALTA 1999. (Freshwater amphipods of S.America. Revision of the genus *Hyalella* Smith.) ---- Acta Zoologica Lilloana 45, 79-98. (In Spanish. Deals with *Hyalella rionegrina* n.sp. (prov. Rio Negra, Argentina), *H. araucana* n. nomen (=*H. patagonica* auct.), and *H. curvispina* (with *H. simplex* and *H. pernix* as synonyms.)

GUERRA-GARCIA, J.M. & I. TAKEUCHI 2000. Redescription of *Pseudoprotella inermis* Chevreux, 1927, a rare species of caprellidean amphipod (Crustacea) from Ceuta, North Africa. ---- Proceedings of the Biological Society of Washington 113, 980-988.

GULEC, I. & D.A.HOLDWAY 1999. The toxicity of laboratory burned oil to the amphipod *Allorchestes compressa* and the snail *Polinices conicus*. ---- Spill Science & Technology Bulletin 5, 135-139.

GUTIERREZ, J. & O. IRIBARNE 1999. Role of Holocene beds of the stout razor clam *Tagelus plebeius* in structuring present benthic communities. ---- Marine Ecology Progress Series 185, 213-228. (*Corophium insidiosum* abundant inside the shell cavities.)

HAMMAR, J. 2000. Cannibals and parasites: conflicting regulators of bimodality on high Arctic Char, *Salvelinus alpinus*. ---- Oikos 88, 33-47.

HATCH, A.C. & G.A.BURTON 1999. Phototoxicity of fluoranthene to two freshwater crustaceans, *Hyalella azteca* and *Daphnia magna*: measures of feeding inhibition as a toxicological endpoint. ---- Hydrobiologia 400, 243-248.

HO, K.T., A. KUHN, M.C.PELLETIER, T.L. HENDRICKS & A. HELMSTETTER 1999. PH dependent toxicity of five metals to three marine organisms. ---- Environmental Toxicology 14, 235-240. (i.a. *Ampelisca abdita*)

HO, K.T., L. PATTON, J.S.LATIMER, R.J.PRUELL, M. PELLETIER, R. McKINNEY & S. JAYAMARAN 1999. The chemistry and toxicity of sediment affected by oil from the North Cape spilled into Rhode Island sound. ---- Marine Pollution Bulletin 38, 314-323. (*Ampelisca abdita* assays)

HOBDAY, A.J. 2000. Persistence and transport of fauna on drifting kelp (*Macrocystis pyrifera* (L.) C. Agardh) rafts in the Southern California Bight. ---- Journal of Experimental Marine Biology & Ecology 253, 75-96.

HOGG, I.D., Y de LAFONTAINE & J.M.EADIE 2000. Genotypic variation among *Gammarus fasciatus* (Crustacea: Amphipoda) from the Great Lakes-St Lawrence River: Implications for the conservation of widespread freshwater invertebrates. ---- Canadian Journal of Fisheries and Aquatic Sciences 57, 1843-1852.

HOP, H., M. POLTERMANN, O.J.LØNNE, S. FALK-PETERSEN, R. KORSNES & W.P.BUDGELL 2000. Ice amphipod distribution relative to ice density and under-ice topography in the northern Barents Sea. ---- Polar Biology 23, 357-367. (*Apherusa glacialis*, *Gammarus wilkitzkii*, *Onisimus glacialis* and *O. nansenii*)

JAUME, D., J.E. CARTE & J.-C. SORBE 1998. A new species of *Bathymedon* Sars.1892 (Amphipoda: Oedicerotidae) from the western Mediterranean bathyal floor. ---- Scientia Marina 62, 341-356. (*B. longirostris* n.sp. from the Catalan Sea slope, 1275m, W. Mediterranean Sea)

JAUME, D. & H.P.WAGNER 1998. New cave-dwelling amphipods (Lysianassidae, Hadziidae) from the Dominican Republic (Hispaniola). ---- Contributions to Zoology 68, 37-66. (Deals with *Ottenwalderia kymbalion* n. gen n. sp. (Lysianassoidea, Tryphosinae, near *Tryphosella*), and *Bahadzia jaraguensis* n. sp., both from Pedernales province.)

JAZDZEWSKI, K. & A KONOPACKA 1999. Necrophagous lysianassid Amphipoda in the diet of Antarctic Tern at King George Island, Antarctica. ---- Antarctic Science 11, 316-321. (Five spp found in tern stomachs)

JOHNSON, W.S., M. STEVENS & L. WATLING 2000. Reproduction and development of marine peracaridans. ---- Advances in Marine Biology 39, 107-260. (A review paper)

JONES, D.A. 1999. The terrestrial sandhopper amphipod *Arcitalitrus dorrieni* and other invertebrate oddities from Battersea Park. ---- London Naturalist (78), 119-123.

KAIM-MALKA, R.A.2000. Elevation of two eastern Atlantic varieties of *Ampelisca brevicornis* (Costa, 1853) (Crustacea, Amphipoda) to full specific rank with redescription of the species. ---- Journal of Natural History 34, 1939-1966. (Deals with *A. pectenata* Reid,

1951, of which *A. spooneri* is a junior synonym, and *A. cavicoxa* Reid, 1951, both originally described from W.Africa as varieties of *A. brevicornis* and now refound in France. The two taxa are extensively compared to related taxa.)

KOZHOVA, O.M., E.A.ERBAEVA & G.P.SAFRONOV 2000. The benthic invertebrates of Lake Khubsugal, Mongolia. ---- Advances in Ecological Research 31, 97-124. (Three spp of *Gammarus*)

KRAPP-SCHICKEL, T. 2000. Thaumatelsonine stenothoids (Crustacea: Amphipoda): part I. --- Memoirs of Museum Victoria 58, 89-124. (Deals with *Raumahara dertoo*, *R. noko*, *R. judithae*, *R. waroonae* n.sp. (W. Austr.), *Raukumara* n.gen. (type *Raumahara rongo*), *R. rongo*, *Pycnopyge* n. gen. (type *Prothaumatelson carinatum*), *P. carinatum*, *Ptychotelson* n. gen. (type *?Raumahara virdurorum*), *Pt. virdurorum*, *Chucullba alla*, *C. warea*, *Pseudothaumatelson patagonicum*, *Thaumatelsonella kingelepha*, *Th. cyproides* n. comb. (transferred from *Pseudothaumatelson*), and *Yarra unguiserra* n.gen. n. sp. A key to all species is provided. A beautiful monograph of a difficult group!).

KRAPP-SCHICKEL, T. & N.E.JARRETT 2000. The amphipod family Melitidae on the Pacific coast of North America: part II. The *Maera-Ceradocus* complex. ---- Amphipacifica 2 (4), 23-61. (Deals with *Maera danae* (with *M. prionochira* as a possible synonym), *M. cf danae*, *M. fusca*, *M. loveni*, *M. nelsonae* n. sp. (Monterey, Cal.), *M. similis*, *M. bousfieldi* n. sp. (Vancouver isl., Br. Col.), *M. jerrica* n. sp. (SE Alaska), *M* sp. (near *rathbunae*), *M. diffidentia* (with *M. caroliniana* as a synonym. This species was described in *Meximaera*), *Quadrimaera reishi* (transf. from *Maera*), *Q. chinarra* (transf. from *Maera*), *Q. carla* n.sp. (Queen Charlotte isl, BC), *?Q. vigota* (tentatively transf. from *Maera*), *Elasmopus cf antennatus*, *Ceradocus spinicauda*, *Wimvadocus* n. gen. (Melitidae, monotypic, for *Ceradocus torelli*),, and *W. torelli*. The species *Ceradocus baffini* is transferred to *Megaceradocus*. In the genus *Maera* a *M. danae* and a *M. similis* clade are recognized. Keys are provided to N.Pacific *Maera* s.l. and to world-wide *Maera* s. str..)

KRAPP-SCHICKEL, T. & S. RUFFO 2000. The *Maera quadrimana*-complex (Crustacea Amphipoda, Melitidae) demands a new concept: *Quadrimaera* n. gen. (with description of three new species from western Atlantic. ---- Bollettino di Museo Civico de Storia Naturale de Verona, Botanica Zoologica 24, 193-214. (Deals with *Quadrimaera* n. gen. (Melitidae, type *Gammarus quadrimanus*, plus 16 other species, mostly transferred from *Maera*); *Q. miranda*, *Q. prope pacifica*, *Q. cristianae* n.sp. (= *M. quadrimana* Ruffo et al. 2000, non Dana), *Q. pieteri* (St Martin, Lesser Antilles), *Q. prope pieteri*, and *Q. sarae* n.sp. (Turks and Caicos isl.)

LAFAILLE, P., E. FEUNTEUN & J.C. LEFEUVRE 1999. (Feeding competition between two goby species, *Pomatoschistus lozanoi* (de Buen) and *P. minutus* (Pallas), in a macrotidal saltmarsh. ---- CR Académie Francaise de Sciences III Sciences de la Vie 322, 897-906. (In French, not seen. Predators of *Orchestia*!)

LAWRIE, S.M., D.G.RAFFAELLI & C.H.EMES 2000. Small-scale patterns in the distribution of the amphipod *Corophium volutator* on the Ythan estuary, Aberdeenshire, Scotland. ---- Sarsia 85, 321-327.

LEVIN, L.A., J.D.GAGE, C. MARTIN & P.A. LAMONT 2000. Macrobenthic community structure within and beneath the oxygen minimum zone, NW Arabian Sea. ---- Deep-Sea

Research, part 2 Topical Studies in Oceanography 47, 189-226. (An *Ampelisca* sp was abundant within the oxygen minimum zone!)

LEVIN, M.J. & C.J.PFEIFFER 1999. Photoreceptor ultrastructure of the amphipod, *Cyamus ceti* (Linné 1758), an ectoparasite of bowhead, right and gray whales. ---- Journal of Submicroscopic Cytology & Pathology 31, 397-405.

LIMA, A.P., W.E.MAGNUSSON & D.G.WILLIAMS 2000. Differences in diet among frogs and lizards coexisting in subtropical forests of Australia. ---- Journal of Herpetology 34, 40-46 (Frogs ate more amphipods, lizards more isopods.)

LÖRZ, A.-N 2000. Benthische Peracarida (Crustacea, Malacostraca) des arktischen Mellemfjordes, West-Grönland. ---- Berichte zur Polarforschung 363, 1-94. (Amph. pp 16-30)

LOWRY, J.K. & H.E. STODDART 1997. Amphipoda Crustacea IV. Families Aristiidae, Cyphocarididae, Endevouridae, Lysianassidae, Scopelocheiridae, Uristidae. ---- Memoirs of the Hourglass Cruises 10, 1-148. (This important monograph deals with Aristiidae n. fam. (type *Aristias*, further genera *Boca* and *Perrierrella*), *Aristias captiva* n. sp., *Boca* n. gen. (Aristiidae, type *B. campi*), *B. campi* n. sp., *B. elvae* n. sp., *B. megachela* n. sp., Cyphocarididae n. fam. (type *Cyphocaris*, further genus *Procyphocaris*), *Cyphocaris tunicola* n. sp., Endevouridae n. fam. (type *Endevoura*, further genus *Ensayara*), *Ensayara entrichoma*, Lysianassidae s. str. (rev.), Lysianassinae rev. (type *Lysianassa* + 30. NB *Falcanassa* is synonymized with *Lysianopsis*, *Lucayanina* and *Septcarnes* with *Socarnopsis*, and *Lysianassina* with *Lysianassa*); *Aruga holmesi*, *Bonassa bonairensis*, *Concarnes concavus*, *Dissiminassa homosassa* n.sp., *Eclecticus* n. gen. /Lysianassinae, type *E. eclecticus*), *E. eclecticus* n.sp., *Lysianopsis alba*, *L. hummeli* (with *L. falcata* as synonym), *L. ozona* n. sp., *Shoemakerella cubensis*, Tryphosinae n. subfam. (type *Tryphosa* + 34), *Hippomedon pensacola* n. sp., *Orchomenella perdidio* n. sp., *O. thomasi* n. sp., *Rimakoroga floridiana* n. sp., *Tryphosella apalachicola* n sp., Scopelocheiridae n. fam. (type *Scopelocheirus* +6), *Aroui americana* n. sp., and *Stephonyx biscayensis*. All new taxa were collected in the Gulf of Mexico. A key to warm-temperate and tropical W. Atlantic lysianassoids is also provided.)

LUBINA, O.S. 2000. (Amphipods (Amphipoda, Gammaridea) of the Varanger fjord and the Motovskoy Bay.) ---- Pp 156-167 in G.G.Matishov (ed.) (Current benthos of the Barents and Kara seas). Izv-vo KNTz RAN, Apatity. (In Russian)

LUBINA, O.S. 2000. (Amphipods (Amphipoda, Gammaridea) of sublittoral of the Kara sea: species composition and peculiarities of the distribution.) ---- Pp 167-169 in G.G.Matishov (ed.). (Current benthos of the Barents and Kara Seas.) Izd-vo KNTz RAN, Apatity. (In Russian)

MacNEIL, C., R.W.ELWOOD & J.T.A.DICK 1999. Predator-prey interactions between brown trout *Salmo trutta* and native and introduced amphipods: their implications for fish diets. ---- Ecography 22, 686-696. (*Gammarus duebeni celticus*, *G. pulex* and *Crangonyx pseudogracilis*)

McNULTY, E.W., F.J.DWYER, M.R.ELLERSIECK, E.I.GREER, C.G..INGERSOLL & C.F.ROBENI 1999. Evaluation of ability of reference toxicity tests to identify stress in

laboratory populations of the amphipod *Hyalella azteca*. ---- Environmental Toxicology & Chemistry 18, 544-548.

MARGOLIS, L., T.E.MCDONALD & E.L.BOUSFIELD 2000. The Whale Lice (Amphipoda: Cyamidae) of the Northeastern Pacific region. ---- Amphipacifica 2 (4), 63-117. (Deals with *Cyamus* (*C.*) *ceti*, *C.* (*C.*) *monodontis*, *C.* (*C.*) *ovalis*, *C.* (*C.*) *erraticus*, *C.* (*C.*) *gracilis*, subgenus *Paracyamus*, *C.* (*P.*) *boopis*, *C.* (*P.*) *balaenopterae*, subgenus *Mesocyamus* n. subgen. (type *C. mesorubraedon*), *C.* (*M.*) *catodontis*, *C.* (*M.*) *orubraedon*, *C.* (*M.*) *mesorubraedon* n.sp. (Vancouver isl., from *Physeter*), subgenus *Apocyamus* n. subgen. (type *C. scammoni*), *C.* (*A.*) *scammoni*, *C.* (*A.*) *eschrichtii* n.sp. (California, from *Eschrichtius*), *C.* (*A.*) *kessleri*, *Orcinocystamus* n. genus (type *C. orcini*), *O. orcini*, *Isocyamus delphinii*, *I. globicipitis*, *I. kogiae*, *Neocyamus physeteris*, *Platycyamus flavigutatus*, (*Pl. thompsoni*), *Synicyamus* sp, *Scutocyamus*. A key to all species is provided as well as a discussion on relationships and coevolution in the whale-lice.)

MARZIO, W.D.di, M.E.SAENZ, L.J.ALBERDI & M.C.TORTORELLI 1999. Assessment of the toxicity of stabilized sludges using *Hyalella curvispina* (amphipod) bioassays. ---- Bulletin of Environmental Contamination & Toxicology 63, 654-659.

MASHIKO, K. 2000. Insights into the mechanism of speciation in gammarid crustaceans of Lake Baikal using a population-genetic approach. ---- Advances in Ecological Research 31, 221-235.

MAYNARD, B.J. 2000. Parasite-altered behaviors in Acanthocephalan/Amphipod system. --- - Dissertation Abstracts B60, 3793.

MERCER, J.L., M.G.FOX & C.D.METCALFE 1999. Changes in benthos and three littoral zone fishes in a shallow, eutrophic Ontario lake following the invasion of the zebra mussel (*Dreissena polymorpha*). ---- Lake and Reservoir Management 15, 310-323 ("amphipod biomass increased significantly")

MISKOV-NODLAND, K., L. BUHL-MORTENSEN & T. HØISÆTER 1999. Has the fauna in the deeper parts of the Skagerrak changed? A comparison of the present amphipod fauna with observations from 1933/37. ---- Sarsia 84, 137-155. (Clear changes! An important paper.)

MITCHELL, S. 2000. St George Bay Ecosystem Project (GBEP): Research report III: a review of benthic fauna/community studies in Atlantic Canadian, and northeastern American shallow waters. ---- Canadian ms reports, Fisheries and Aquatic Sciences, 71 pp. (Not seen, unfortunately. Can anybody get me a copy?)

MITINA, E.G. 2000. (Amphipods (Amphipoda, Gammaridea) of sublittoral of the Kola Bay.) ---- Pp 146-156 in G.G.Matishov (ed.). (Current benthos of the Barents and Kara Seas.) Izd-vo KNTz RAN, Apatity. (In Russian)

MODIG, H. & E. OLAFSSON 2001. Survival and bioturbation of the amphipod *Monoporeia affinis* in sulphide-rich sediments. ---- Marine Biology, Berlin 138, 87-92.

MONTAUDOUIN, X. de & P.-G. SAURIAU 2000. Contribution to a synopsis of species richness in the Pertuis Charentais Sea with new insights in soft-bottom macrofauna of the Marennes-Oléron Bay. ---- Cahiers de Biologie Marine 41, 181-222. (Not seen)

MODIG, H. & E. OLAFSSON 2001. Survival and bioturbation of the amphipod *Monoporeia affinis* in sulphide-rich sediments. ---- Marine Biology, Berlin 138, 87-92.

MORRITT, D. & A. INGOLFSSON 2000. Upper thermal tolerances of the beachflea *Orchestia gammarellus* (Pallas) (Crustacea: Amphipoda: Talitridae) associated with hot springs in Iceland. ---- Journal of Experimental Marine Biology and Ecology 255, 215-227.

MULHOLLAND, P.J., J.L.TANK, D.M.SANZONE, W.M.WOLLHEIM, B.J.PATERSON, J.R.WEBSTER & J.L.MEYER 2000. Food resources of stream macroinvertebrates determined by natural abundance, stable N and C isotopes and a ISN tracer additions. ---- Journal of the North-American Benthology Society 19, 145-167. (i.a. *Gammarus minus*)

MUSIBONO, D.E. & J.A.DAY 1999. The effect of Mn on mortality and growth in the freshwater amphipod *Paramelita nigroculus* (Barnard) exposed to a mixture of Al and Cu in acidic waters. ---- Water Research 33, 207-213.

NALEPA, T.F., D.J.HARTSON, J. BUCHANAN, J.F.CAVALETTO, G.A.LONG & S.J.LOZANO 2000. Spatial variation in density, mean size and physiological condition of the holarctic amphipod *Diporeia* spp in Lake Michigan. ---- Freshwater Biology 43, 107-119.

NISHINO, M. & N.C.WATANABE 2000 Evolution and endemism in Lake Biwa, with special reference to its gastropod mollusc fauna. ---- Advances in Ecological Research 31, 1521-1180.

ONORATI, F., N. BIGONGIARI, D. PELLEGRINI & S. GIULIANI 1999. The suitability of *Corophium orientale* (Crustacea, Amphipoda) in harbour sediment toxicity bioassessment. --- Aquatic Ecosystem Health and Management 2, 465-473.

ORTIZ, M. & R. LALANA 1999. Amphipoda (Crustacea) from Indonesia collected by the expedition of 'Grigore Antipa' museum from Bucharest. ---- Travaux du Muséum National d'Histoire Naturelle 'Grigore Antipa' 41, 155-198. (Deals with *Rostrogitanopsis litoralis* n.sp., *Cylindromolaris* n.gen (Isaeidae, type *Cheiriphotis quadrichelata*), *C. quadrichelatus*, *Protomedieia basilatissima* n. sp., *Dexaminoecetes lacinimanus* n.sp., *Incratella carpobolata* n.sp., *Baliphoxus andresi* n. gen, n. sp. (Phoxocephalidae), and *Birubius bali* n.sp.)

PANOV, V.E., T. TIMM & H. TIMM 2000. Current status of an introduced Baikalian amphipod, *Gmelinoides fasciatus*, in the littoral communities of Lake Peipsi. ---- Proceedings of the Estonian Academy of Sciences, Biology-Ecology 49, 71-80.

PENNINGS, S.C., T.H.CAREFOOT, M. ZIMMER, J.P.DANKO & A. ZIEGLER 2000. Feeding preferences of supralittoral isopods and amphipods. ---- Canadian Journal of Zoology 78, 1918-1929. (i.a. *Traskorchestia traskiana* and *Megalorchestia californiana*)

PEREIRA, R.C. & V.Y.YANESHIGUE 1999. The role of polyphenols from the tropical brown alga *Sargassum furcatum* on the feeding by amphipod herbivores. ---- Botanica Marina 42, 441-448.

RAUSCHERT, M. & C. DE BROYER 2000. Amphipoda. ---- Pp 76-84 in J Gutt, B.I.Sirenko, W.E.Arntz, I.S.Smirnov & C. De Broyer (eds). Biodiversity of the Weddell Sea: macrozoobenthonic species (demersal fish included) sampled during the expedition ANT XIII/3 (EAS (Z 1)) with RV ‘Polarstern’. Berichte zur Polarforschung 372, 1-103 (NB four caprellid spp on p.84 added by Stella Vassilenko)

RAY, G.L. 2000. Infaunal assemblages on constructed intertidal mudflats at Jonesport, Maine (USA). ---- Marine Pollution Bulletin 40, 1186-1200.

REN, X-q 1994. (Studies on Gammaridea (Crustacea, Amphipoda) from Hong Kong, Daya Bay and adjacent waters.) ---- Studia Marina Sinica 35, 249-271. (In Chinese, but all species are fully illustrated. Deals with *Gitanopsis longus*, *Corophium baconi*, *C. acherusicum*, *Ericthonius brasiliensis*, *Gammaropsis togoensis*, *Hyale grandicornis*, *Parhyale hawaiensis*, *Jassa falcata*, *Leucothoe alata*, *Elasmopus ecuadorensis hawaiensis*, *E. pectenicerus*, *E. spinidactylus*, *Melita koreana*, *Podocerus unigame*, and *Stenothoe gallensis*.)

REN, X-q 1995. (A new species of genus *Corophium* (Crustacea: Amphipoda).) ---- Studia Marina Sinica 36, 267-271. (In Chinese. *C. denticulatum* n.sp. from Shandong province, China)

REN, X-q 1997. (A new genus and species of the family Corophiidae (Crustacea: Amphipoda). ---- Studia Marina Sinica 38, 175-179. (In Chinese. *Paraphotis sinensis* n.gen. n. sp. (Isaeidae) from Dalin, N. Yellow Sea.)

REN, X-q 1998. Supplemental description of *Maxillipius rectitelson* Ledoyer (Crustacea: Amphipoda, Maxilliidae). ---- Studia Marina Sinica 40, 245-249. (In Chinese)

REN, X-q 1999. A new family of superfamily Haustorioidea (Crustacea: Amphipoda: Gammaridae) from the China Sea. ---- (*Sinurothoe sinensis* n.gen n. sp, type of the new family Sinurothoidae)

ROSSITER, A. 2000. Lake Biwa as a topical ancient lake. ---- Advances in Ecological Research 31, 571-598.

SAHARA, K., F. MAREK & W. TRAUT 1999. TTAGG telomeric repeats in chromosomes of some insects and other arthropods. ---- Chromosome Research 7, 449-460. (i.a. *Gammarus pulex*)

SCHLEKAT, C.E., A.W.DECLA & G.T.CHANDLER 1999. Dietary assimilation of cadmium with bacterial exopolymer sediment coatings by the estuarine amphipod *Leptocheirus plumulosus*: Effects of Cd concentration and salinity. ---- Marine Ecology Progress Series 183, 205-216.

SCHNABEL, K.E., I.J.HOGG & M.A.CHAPMAN 2000. Population genetic studies of two New Zealand corophiid amphipods and the presence of morphologically cryptic species: implications for the conservation of diversity. ---- New Zealand Journal of Marine Freshwater Research 34, 637-644. (*Chaetocorophium lucasi* and *Paracorophium excavatum*)

SEZGIN, M. 1999. *Tritaeta gibbosa* Bate (1862) (Amphipoda, Dexaminidae) in the Turkish Black Sea. ---- Turkish Journal of Marine Sciences 5, 47-54. (Found off Sinop peninsula)

SHEPHERD, P.C.F. & J. S. BOATES 1999. Effects of a commercial baitworm harvest on Semipalmated Sandpipers and their prey in the Bay of Fundy hemisphere shorebird reserve. -- Conservation Biology 13, 347-356. (*Corophium volutator*)

SHEPPARD, C. & J. PEARCE (eds) 2000. Seas at the millennium: an environmental evaluation. ---- Marine Pollution Bulletin 41, 1-263.

STEELE, D.H. & G.R.LILLY 1999. Predation by Cod (*Gadus morhua*) on amphipod crustaceans in the northwestern Atlantic. ---- Vie et Milieu 49, 309-316. (82 spp identified)

STEEVENS, J.A. & W.H.BENSON 1999. Toxicological interactions of chlorpyrifos and methyl mercury in the amphipod, *Hyalella azteca*. ---- Toxicological Sciences 52, 168-177.

STRONKHORST, J., B. van HATTUM & T. BOWMER 1999. Bioaccumulation and toxicity of tributyltin to a burrowing heart urchin and an amphipod in spiked, silty marine sediments. - --- Environmental Toxicology & Chemistry 18, 2343-2351. (*Corophium volutator*)

SURES, B. & H. TARASCHEWSKI 1999. Endoparasiten einheimischer Fische als Bioindikatoren für Schwermetalle. ----Pp 325-334 in J. Oehlmann & B. Merheit (eds). Ökotoxikologie: Ökosysteme-Ansätze und Methoden. Landsberg, Germany

SURTIKANTI, H.K., R.V.HYNE, D.A.EVERETT & R.P.LIM 1998. Population density and breeding periodicity of the amphipod, *Corophium* sp., in the Hawkesbury river. ---- Australasian Journal of Ecotoxicology 4, 85-91. (NSW)

TAKEKAWA, A.T. & S. ISHIMARU 2000. A new species of the genus *Scopelochirus* (Crustacea: Amphipoda: Gammaridea) from Onagawa Bay, northeastern Japan. ---- Zoological Science 17, 681-687. (*S. onagawae* n.sp.)

TAKHTEEV, V.V. 2000. (Addition to revision of the genus *Poekilogammarus* (Crustacea, Amphipoda, Gammaridea) from Lake Baikal.) ---- Zoologichesky Zhurnal 79, 649-661. (In Russian. Deals with *P.(Odontogammarus) araneolus*, *P. (O.) megonychus perpolitus* n. ssp (= *P. araneolus* auct., non Dybowsky), *P. (O.) ephippiatus*, and *Inobsequentus* n. subgen, type *P. (I.) galini* n.sp.. A key to the subgenera and to *Onychogammarus* spp is provided.)

TAKHTEEV, V.V. 2000. Trends in the evolution of Baikal amphipods and evolutionary parallels with some marine malacostracan faunas. ---- Advances in Ecological Research 31, 197-220.

TANAKA, K. & M. AOKI 1998. Crustacean infauna of the demosponge *Halichondria okadai* (Kadoto) with reference to the life cycle of *Gnathia* sp (Isopoda: Gnathiidae). ---- Pp 259-267 in Y. Watanabe & N. Fusetani (eds). Sponge sciences. Multidisciplinary perspectives. Springer Verlag, Tokyo. (A *Paranamixis* species was common)

THIEL, M.2000. Population and reproductive biology of two sibling amphipod species from ascidians and sponges. ---- Marine Biology, Berlin 137, 661-674. (A beautiful paper on two *Leucothoe* spp in the *spinicarpa*-group.)

THOMAS, J.D. & J.L.BARNARD 1992. *Podocerus kleidus*, new species from the Florida keys (Crustacea, Amphipoda, Dulichiidae). ---- Bulletin of Marine Science 51, 309-314.

THOMAS, J.D. & J.L.BARNARD 1992. *Podocerus chelonophilus*, a testudinous amphipod newly recorded from the western Atlantic Ocean. ---- Bulletin of Marine Science 50, 108-116

THOMPSON, B., B. ANDERSON, J. HUNT, K. TABERSKI & B. PHILLIPS 1999. Relationships between sediment contamination and toxicity in the San Francisco Bay. ---- Marine Environmental Research 48, 285-309. (*Eohaustorius estuaricus* bioassays)

TUOMINEN, L., K. MÄKELÄ, K.K.LEHTONEN, H. MAAHTI, S. HIETANEN & J. KUPARINEN 1999. Nutrient fluxes, pore water profiles and denitrification in sediment influenced by algal sedimentation and bioturbation by *Monoporeia affinis*. ---- Estuarine, Coastal and Shelf Science 49, 83-97.

VALERIO-BERARDO, M.T., M.N.FLYNN & Y. WAKABARA 2000. Structure and dynamics of a shelf amphipod taxocoenosis in southeastern Brazil. ---- Bulletin of Marine Science 66, 59-72.

VALERIO-BERARDO, M.T. & V.K.MIYAGI 2000. (Corophiidae (Crustacea, Amphipoda) of the Brazilian coast.) ---- Revista Brasiliiana de Zoologia 17, 481-504. (In Portuguese. Deals with the Corophiidae s.l.: *Ampelisciphotis podophthalma*, *Aora spinicornis*, *Audulla chelifera*, *Bemlos forestii*, *B. unicornis*, *Cheiriphotis megacheles*, *Chevalia mexicana*, *Corophium acherusicum*, *Gammaropsis (G.) atlantica*, *G. (G.) thompsoni*, *G. (G.) togoensis*, *G. (Podoceropsis) sophiae*, *Globosolembos smithi*, *Lembos hypacanthus*, *Photis brevipes*, *Ph. longicaudata*, and *Pseudomegamphopus barnardi*. A key to the genera is provided.)

WAKABARA, Y. & C.S.SEREJO 1999. Amathillopsidae and Epimeriidae (Crustacea, Amphipoda) from bathyal depths off the Brazilian coast. ---- Zoosistema 21, 625-645. (Deals with *Amathilopsis atlantica*, *Epimeria bathyalis* n.sp. (19°01'S, 37°47'W, 1500-1575m), *E. rotunda* n.sp. (21°36'S, 39°58'W, 1200m), *E. ultraspinosa* n.sp. (23°54'S, 42°10'W, 830m), and *E. longispinosa*. A key to *Epimeria* spp is provided.)

WESLAWSKI, J.M., T. KUPIDURA & M. ZABICKI 2000. Sandhoppers, *Talitrus saltator* (Montagu, 1808) (Amphipoda, Gammaridea), at the Polish Baltic coast: seasonal and spatial distribution. ---- Crustaceana 73, 961-969.

WILHELM, F.M. & D.W.SCHINDLER 2000. Reproductive strategies of *Gammarus lacustris* (Crustacea: Amphipoda) along an elevation gradient. ---- Functional Ecology 14, 413-422

WINFIELD AGUILAR, I.C. 1999. (Peracarid (Crustacea) associated with meadows of *Ruppia maritima* in the lagoon system of Alvarado, Veracruz. An ecological spatio-temporal analysis.) ---- M.Sc, Thesis, Univ. Nacional Autonoma de Mexico, 80 pp (In Spanish)

WINFIELD, I. & M. ORTIZ 1995. (New record of *Leptocheirus rhizophorae* (Amphipoda: Corophiidae) in the Gulf of Mexico. ---- Revista de Biología Tropical 43, 326. (In Spanish)

WOODWORTH, J.G., C. KING, A.G.MISKEIWICZ, E. LAGINESTRA & J. SIMON 1999. Assessment of the comparative toxicity of sewage effluent from 10 sewage treatment plants

in the area of Sydney, Australia, using an amphipod and two sea urchin bioassays. ---- Marine Pollution Bulletin 39, 174-178 (The amphipod is *Allorchestes compressus*.)

YAMADA, Y. & T. IKEDA 2000. Development, maturation, brood size and generation length of the mesopelagic amphipod *Cyphocaris challengerii* (Gammaridea: Lysianassidae) off southwest Hokkaido , Japan. ---- Marine Biology, Berlin 137, 933-942.

YATES, M.G., R.A.STILLMAN & J.D.GOSS-CUSTARD 2000. Contrasting interference function and foraging dispersion in two species of shorebird (Charadrii). ---- Journal of Animal Ecology 69, 314-322.(i.a. Redshank *Tringa totanus* feeding on *Corophium volutator*.)

YOSHII, K., N.G.MELNIK, D.A.TOMOSHKIN, N.A.BONDARENKO, P.N.ANOSHKO, T. YOSHIOKO & E. WADA 1999. Stable isotope analyses of the pelagic food web in Lake Baikal. ---- Limnology & Oceanography 44, 502-511.

ZEIDLER, W. 1999. Review of the hyperiidean amphipod genus *Oxycephalus* Milne-Edwards (Crustacea: Amphipoda: Hyperiidea: Oxycephalidae). ---- Invertebrate Taxonomy 13, 391-424. (Deals with *O.piscator*, *O. latirostris* and *O. clausi*. All other nominal species are synonyms of one of these three spp.)

ZEIDLER, W. & K.L.GOWLETT-HOLMES 1998. Confirmation of the association of the hyperiidean amphipod genus *Hyperia* (Crustacea: Amphipoda: Hyperiidea: Hyperiidae) with ctenophores. ---- Records of the South Australian Museum Adelaide 31, 117-118. (*H. gaudichaudii* from *Beroe*)

ZETTLER, M.L. 1999. Untersuchungen zum Makrozoobenthos des Breitlings (südliche Ostsee) unter besonderer Berücksichtigung der Crustacea. ---- Rostock Meeresbiologische Beiträge 7, 79-90.

B. Systematic index to new amphipod genera and species in AN 22

This list covers all taxa indexed in AN 22, and follows similar indexes for AN 11-19 (AN 19, 99 37-51), AN 20 and AN 21.

The rationale for my use of family names, about there is often little agreement as yet, among amphipod taxonomists, has been spelled out in AN 21. Briefly, the Lysianassoidea, Eusiridae, Caprellidea (minus the Cyamidae), and Hyperiidea are still kept as one block, while the Corophiidea are split into smaller families along the lines suggested by i.a. Myers. For the treatment of the Gammaroidea s.l., see AN 21. All these decisions have been taken for practical reasons, and to keep consistency between the different issues of this Index.

Technical details: New taxa are written in capitals, (rev.) stands for older genera or species that are revived from synonymy, (subgen.) and (ssp) stand for taxa that are described with the rank of subgenus and subspecies, respectively; new species are mentioned in the genus in

which they were originally described, even when transferred to a different genus in another paper in AN22.

A question mark before a genus name signifies that the family is somewhat uncertain, a question mark before a species name, that the genus is uncertain.

Acanthogammaridae

Poekilogammarus (INOBSEQUENTUS) GALINI

Poekilogammarus (Odontogammarus) BEKMANAE, calcaratus CAECULUS (ssp)

Amathilopsidae

Amathilopsis CHARLOTTAE

Ampeliscidae

Ampelisca CAVICOXA (rev.), NANSHAENSIS, PECTENATA (rev.)

Byblis BIDENTATUS, LONGIFLAGELIS, NANSHAENSIS, UNISPINULATUS

Amphilochidae

Gitanopsis TEMPLADOI

Rostrogitanopsis LITORALIS

Ampithoidae

Ampithoe HIRSUTIMANUS

Exampithoe (Melanesius) COMPRESSA, HALEI

Anisogammaridae

?FUXIANA YANGI

Locustogammarus INTERMEDIUS

Aoridae

Autonee CATALAUNICA

Globosolembos CLAVICORNIS, FORGESI

Grandidierella KANAKENSIS

Lembos SCOLOSTERNUM

ORSTOMIA KANAKIA

Protolembos CROUYENSIS

Astyridae

Astyra ANTARCTICA

Bateidae

Batea SCHOTTI

Bogidiellidae

ARGANOVIDIELLA

ARGENTINOVIDIELLA

BERMUDAGIDIELLA

Bogidiella TURCICA

GROSSOGIDIELLA

INDOGIDIELLA

Megagidiella EZUL

Spelaeogammarus SANTANENSIS, SPINILACERTUS, TRAJANOAE

Caprellidea

Caprella BATHYTATOS, CAVEDINIAE, KUROSHIO, STELLA

'cheirocratids'

Incratella CARPOLOBATA

Corophiidae

Corophium DENTICULATUM

Cyamidae

Cyamus (APOCYAMUS) (subgen.) ESCHRICHTII

Cyamus (MESOCYAMUS) (subgen.) MESORUBRAEDON

ORCINOCYAMUS

Cyprideididae

Moolapheonoides UTMAS

Dexaminidae

Dexaminoeculus LACINIMANUS

Epimeriidae

Epimeria BATHYALIS, HELDI, ROTUNDA, ULTRASPINOSA, VADERI

Eusiridae

HALIOGENEIA CROSNIERI

Laothoes PALLASCHI

Nasageneia COMISARIENSIS

Sancho KUITERI

'gammarids'

Derzhavinella CAVA

Gammarus ANODON, CRINICAUDATUS, LOBIFER, PARICRENATUS,
PARTHICUS, PROIECTUS,

Obesogammarus ACUMINATUS

SCYTAELINA SIMPLEX

'hadziids'

Bahadzia JARAGUENSIS

Metacrangonyx KNIDIRII

Hyalidae

Hyale WAKABARAE

Hyalellidae

Hyalella ARAUCANA, MUERTA, RIONEGRINA, SANDRO

Hyperiidea

Paralycea PLATYCEPHALA

Isaeidae

Chevalia HIRSUTA
CYLINDROMOLARIS
PARAPHOTIS SINENSIS
Protomederia BASILATISSIMA

Laphystiopsidae

Laphystiopsis WULGI, ZOMERYSIS

Leucothoidae

Leucothoe BASILOBATA, CHEIRISERRA, LEPTOSA, UROSPINOSA

Lysianassoidea

Aristias (Aristiidae) CAPTIVA
Aroui (Scopelocheiridae) AMERICANA
BOCA (Aristiidae) CAMPI, ELVAE, MEGACHELA
Cyphocaris (Cyphocarididae) TUNICOLA
Dissiminassa (Lysianassidae Lysianassinae) HOMOSASSA
ECLECTICUS (Lysianassidae Lysianassinae) ECLECTICUS
Hippomedon PENSACOLA
Lepidepecreum SERRACULUM
Lysianopsis OZONA
Orchomene GURJANOVAE
Orchomenella LUKINI, PERDIDO, THOMASI
OTTENWALDERIA (Lysianassidae Tryphosinae) KYMBALION
PARAVIJAYA APICULATA
Rimakoroga FLORIDIANA
Tryphosella APALICHICOLA
Waldeckia BRACHYCEPHALA

'Melitids'

Elasmopus NANSHAENSIS
Maera ARIADNE, ARIEL, AURORA, BIDENTATA, BOUSFIELDI, CERES,
JERRICA, MIRANDA, NELSONAE, REVELATA
Mallacoota UNIDENTATA
NURINA POULTERI
Psammogammarus BLUEFIELDENSIS
Pseudoniphargus LONGIFLAGELLUM
QUADRIMAERA CARLA, CRISTIANAE, PIETERI, SARAЕ
WIMVADOCUS

Niphargidae

Niphargus aquilex DOBATII (ssp), LESSINIENSIS, MONTELLIANUS,
TRIDENTINUS

Ochlesidae

ANTARCTODIUS
Postodius ZELLERI

Oedicerotidae

Bathymedon LONGIROSTRIS

Paramelitidae

CHYDAEKATA ACUMINATA, ANOPHELMA, BRACHYBASIS,
BREVICLAVUS, CARSCUTICA, DIAGONALIS, DOLICHODACTYLUS,
GYRASPIS, NUDULUM, OVATOSETOSA, SCOPULA, SCUTICARI
SIMULATA, TETRASPIS, TRANSVERSI, UNISPINULATA
MOLINA PLEOBRANCHON

Phoxocephalidae

BALIPHOXUS ANDRESI
Birubius BALI

Phoxocephalopsidae

Eophoxocephalopsis COLUMBUS

Pleustidae

MYZOTARSA ANAXIPHILIA

Podoceridae

Podocerus KLEIDUS

Sebidae

Seba ROBUSTA

Sinurothoidae

SINUROTHOE SINENSIS

Siphonoecetinae

Caribboecetes JUSTI
Cerapus THOMASI

Stegocephalidae

Andaniexis OLLII
Phippsia ANGUSTIPALMA, DAMPIERI, UNIHAMATA
Phippsiella WATLINGI
Tetradeion QUATRO

Stenothoidae

PTYCHOTELSON
PYCNOPYGE
RAUKUMARA
Raumahara VIRDURORUM, WAROONAE
Stenothoe MAGELLANICA
SYNKOPE LAURINA
YARRA UNGUISERRA

Synopiidae

Metatiron BONAERENSIS

Talitridae

CARIBORCHESTIA XEROPHILA
SINORCHESTIA TAIWANENSIS